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Sheet 1 of 1

Complete if Known	
Application Number	10/672,840
Filing Date	September 26, 2003
First Named Inventor	Ackermann
Art Unit	2835
Examiner Name	Vortman, Anatoly
Attorney Docket Number	BUS-025877 DIV2

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	Document Number Number-Kind Code[2] (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US- 4,563,809	01-14-1986	Reeder	
		US- 4,636,765	01-13-1987	Krueger	
		US- 4,646,053	02-24-1987	Mosesian	
		US- 4,656,453	04-07-1987	Reeder	
		US- 4,684,916	08-04-1987	Knapp, Jr.	
		US- 5,245,308	09-14-1993	Herbias	
		US- 5,252,942	10-12-1993	Gurevich	
		US- 5,254,967	10-19-1993	Biasuitti et al.	
		US- 5,280,261	01-18-1994	Mollet	
		US- 5,298,877	03-29-1994	Gurevich et al.	
		US- 5,345,210	09-06-1994	Swenson et al.	
		US- 5,355,110	10-11-1994	Ruggiero et al.	
		US- 5,406,245	04-11-1995	Smith et al.	
		US- 5,446,436	08-29-1995	Williams	
		US- 5,596,306	01-21-1997	Kowalik et al.	
		US- 5,736,919	04-07-1998	Reeder	
		US- 5,783,985	07-21-1998	Kowalik et al	
		US-			
		US-			

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	Foreign Patent Document Country Code[3]-Number[4]-Kind Code[5] (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T[6]

Examiner Signature		Date Considered	02/24/05

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